

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 06097712
PUBLICATION DATE : 08-04-94

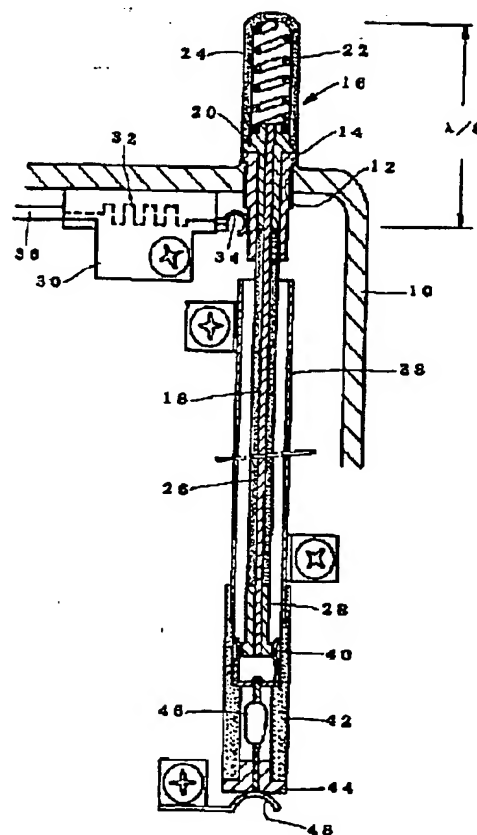
APPLICATION DATE : 14-09-92
APPLICATION NUMBER : 04271001

APPLICANT : YOKOWO CO LTD;

INVENTOR : KANO MASARU;

INT.CL. : H01Q 1/24

TITLE : ANTENNA FOR RADIO EQUIPMENT



ABSTRACT : PURPOSE: To provide a radio equipment antenna which is freely extendable and storable and also can satisfactorily function even in its storage state.

CONSTITUTION: An antenna 16 contains a coil element 22 of $1/8$ effective wavelength which is set at the tip of the projecting side of a wire element 18 of $1/2$ wavelength that is extendable and can be stored in a frame 10. A feeder spring 34 is electrically connected to the front or rear end of the element 18 in its stored or extended state in the frame 10. A shielding pipe 38 shields coaxially the outer circumference of the element 18 in its stored state. Meanwhile the rear end of the element 18 is grounded via a correction circuit 46. Then the impedance is adjusted at the infinite value by the circuit 46 in a state where the element 18 is viewed from the spring 34.

COPYRIGHT: (C)1994,JPO&Japio